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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=5; day=14; hr=11; min=19; sec=33; ms=476; ]

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Application No: 10585296 Version No: 2.0

**Input Set:****Output Set:**

**Started:** 2010-05-10 17:36:04.655  
**Finished:** 2010-05-10 17:36:09.345  
**Elapsed:** 0 hr(s) 0 min(s) 4 sec(s) 690 ms  
**Total Warnings:** 89  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 90  
**Actual SeqID Count:** 90

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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
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Input Set:

Output Set:

Started: 2010-05-10 17:36:04.655  
Finished: 2010-05-10 17:36:09.345  
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 690 ms  
Total Warnings: 89  
Total Errors: 0  
No. of SeqIDs Defined: 90  
Actual SeqID Count: 90

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

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<110> Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo  
 Mayumi, Tadanori  
 Tsutsumi, Yasuo  
 Nakagawa, Shinsaku

<120> TNF ANTAGONIST AND TNF INHIBITOR CONTAINING IT AS AN EFFECTIVE  
 INGREDIENT

<130> MAYUMI=4

<140> 10585296  
 <141> 2010-05-10

<150> JP 2004-001427  
 <151> 2005-01-06

<150> PCT/JP05/00032  
 <151> 2005-01-05

<160> 90

<170> PatentIn version 3.5

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Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg  
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Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu  
 35 40 45

Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe  
 50 55 60

Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile  
 65 70 75 80

Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala  
 85 90 95

Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys  
100 105 110

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys  
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50 55 60

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Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile  
65 70 75 80

agc cgc atc gcc gtc tcc tac cag acc ccc gtc aac ctc ctc tct gcc 288  
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85 90 95

atc cgc agc ccc tgc cag agg gag acc cca gag ggg gct gag gcc aac 336  
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ccc tgg tat gag ccc atc tat ctg gga ggg gtc ttc cag ctg gag ccg	384
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Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe	
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Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg	
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Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe	
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tcg ggc caa ggc tgc ccc tcc acc cat gtg ctc ctc acc cac acc atc	240
Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile	
65 70 75 80	
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Ser Arg Ile Ala Val Ser Tyr Gln Thr Arg Val Asn Leu Leu Ser Ala	
85 90 95	
atc gcc agc ccc tgc cag agg gag acc cca gag ggg gct gag gcc ctc	336
Ile Ala Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Leu	
100 105 110	
ccc tgg tat gag ccc atc tat ctg gga ggg gtc ttc cag ctg gag acc	384

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Gly	Asp	Arg	Leu	Ser	Ala	Glu	Ile	Asn	Arg	Pro	Asp	Tyr	Leu	Asp	Phe		
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gcc	gag	tct	ggg	cag	gtc	tac	ttt	ggg	atc	att	gcc	ctg					471
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Val	Ala	Asn	Pro	Gln	Ala	Glu	Gly	Gln	Leu	Gln	Trp	Leu	Asn	Arg	Arg		
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gcc	aat	gcc	ctc	ctg	gcc	aat	ggc	gtg	gag	ctg	aga	gat	aac	cag	ctg		144
Ala	Asn	Ala	Leu	Leu	Ala	Asn	Gly	Val	Glu	Leu	Arg	Asp	Asn	Gln	Leu		
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gtg	gtg	cca	tca	gag	ggc	ctg	tac	ctc	atc	tac	tcc	cag	gtc	ctc	ttc		192
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agc	cgc	atc	gcc	gtc	tcc	tac	cag	acc	gac	gtc	aac	ctc	ctc	tct	gcc		288
Ser	Arg	Ile	Ala	Val	Ser	Tyr	Gln	Thr	Asp	Val	Asn	Leu	Leu	Ser	Ala		
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atc	gcc	agc	ccc	tgc	cag	agg	gag	acc	cca	gag	ggg	gct	gag	gcc	ctc		336
Ile	Ala	Ser	Pro	Cys	Gln	Arg	Glu	Thr	Pro	Glu	Gly	Ala	Glu	Ala	Leu		
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ccc	tgg	tat	gag	ccc	atc	tat	ctg	gga	ggg	gtc	ttc	cag	ctg	gag	acc		384
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Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe  
505560

Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile  
65707580

Ser Arg Ile Ala Val Ser Tyr Gln Thr Pro Val Asn Leu Leu Ser Ala



Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn  
100 105 110

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro  
115 120 125

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Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Xaa Asn Xaa Xaa  
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gcc aat gcc ctc ctg gcc aat ggc gtg gag ctg aga gat aac cag ctg 144  
Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu  
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gtg gtg cca tca gag ggc ctg tac ctc atc tac tcc cag gtc ctc ttc 192  
Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe  
50 55 60  
  
tcg ggc caa ggc tgc ccc tcc acc cat gtg ctc ctc acc cac acc atc 240  
Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile  
65 70 75 80  
  
agc cgc atc gcc gtc tcc tac cag acc ccc gtc aac ctc ctc tct gcc 288  
Ser Arg Ile Ala Val Ser Tyr Gln Thr Pro Val Asn Leu Leu Ser Ala  
85 90 95  
  
atc cgc agc ccc tgc cag agg gag acc cca gag ggg gct gag gcc aac 336  
Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn  
100 105 110  
  
ccc tgg tat gag ccc atc tat ctg gga ggg gtc ttc cag ctg gag ccg 384  
Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro  
115 120 125  
  
ggt gac cga ctc agc gct gag atc aat cgg ccc gac tat ctc gac ttt 432  
Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe  
130 135 140  
  
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35 40 45

Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe  
50 55 60

Ser Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile  
65 70 75 80

Ser Arg Ile Xaa Xaa Xaa Xaa Xaa Xaa Pro Val Asn Leu Leu Ser Ala  
85 90 95

Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn  
100 105 110

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro  
115 120 125

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gcc	aat	gcc	ctc	ctg	gcc	aat	ggc	gtg	gag	ctg	aga	gat	aac	cag	ctg	144
Ala	Asn	Ala	Leu	Leu	Ala	Asn	Gly	Val	Glu	Leu	Arg	Asp	Asn	Gln	Leu	
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gtg	gtg	cca	tca	gag	ggc	ctg	tac	ctc	atc	tac	tcc	cag	gtc	ctc	ttc	192
Val	Val	Pro	Ser	Glu	Gly	Leu	Tyr	Leu	Ile	Tyr	Ser	Gln	Val	Leu	Phe	
	50					55				60						

tcg	ggc	caa	ggc	tgc	ccc	tcc	acc	cat	gtg	ctc	ctc	acc	cac	acc	atc	240
Ser	Gly	Gln	Gly	Cys	Pro	Ser	Thr	His	Val	Leu	Leu	Thr	His	Thr	Ile	
65				70					75					80		

agc	cgc	atc	nns	nns	nns	nns	nns	nns	ccc	gtc	aac	ctc	ctc	tct	gcc	288
Ser	Arg	Ile	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Pro	Val	Asn	Leu	Leu	Ser	Ala	
			85					90						95		

atc cgc agc ccc tgc cag agg gag acc cca gag ggg gct gag gcc aac  
Ile Arg Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Asn  
100 105 110

336

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Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Pro  
115 120 125

384

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